

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
22 September 2005 (22.09.2005)

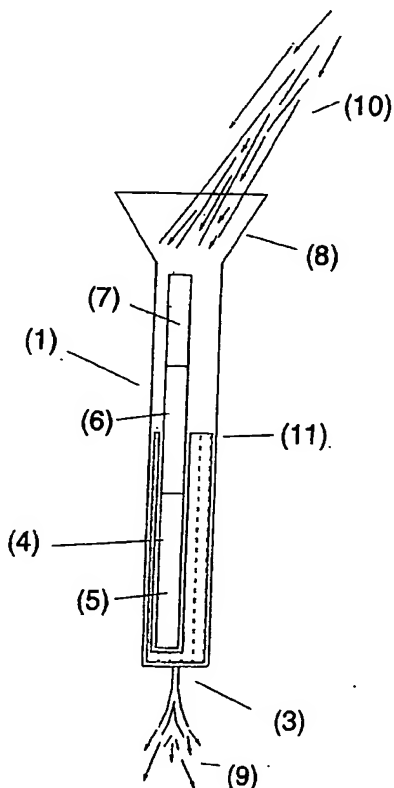
PCT

(10) International Publication Number
WO 2005/087104 A1

- (51) International Patent Classification: **A61B 5/20**
- (21) International Application Number: **PCT/GB2005/000921**
- (22) International Filing Date: **10 March 2005 (10.03.2005)**
- (25) Filing Language: **English**
- (26) Publication Language: **English**
- (30) Priority Data:
0405362.5 **10 March 2004 (10.03.2004)** **GB**
- (71) Applicant (for all designated States except US): **UNIVERSITY OF NEWCASTLE UPON TYNE [GB/GB];**
6 Kensington Terrace, Newcastle upon Tyne NE1 7RU
(GB).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **NEWTON, Douglas,**
- (74) Agent: **ELSWORTH, Dominic;** Hargreaves Elsworth,
Rotterdam House, 116 Quayside, Newcastle-upon-Tyne
NE1 3DY (GB).
- (81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ,
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,
ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,

[Continued on next page]

(54) Title: **PEAK FLOW MEASUREMENT DEVICE**



(57) Abstract: A peak flow measurement device comprises a hollow body (1) having an inlet (8) for receiving fluid and an outlet (3), wherein the inlet (8) and outlet (3) are spaced apart from each other, the cross-sectional area of the body being greater than the cross-sectional area of the outlet and wherein in use the device is oriented such that the inlet is above the outlet and the measured peak flow is proportional to the maximum height (11) of fluid within the body.

WO 2005/087104 A1



ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

— *with international search report*